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From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: List
Subject: Info-Hams Digest V94 #1150
To: Info-Hams

Info-Hams Digest Sun, 23 Oct 94 Volume 94 : Issue 1150

Today's Topics:

About 2nd hand rigs, user manuals & copyright laws...
 Any hams using IRC chat??
 Check out Outside Mag..
 Code Programs/Sound Blasters
 HOW TO LEARN CW???
 IPS Daily Report - 23 October 94
 Keyer polarity for 520?
 MFJ-1214PC for sale
 Miniprop Plus 2.0 question:
 NoCal 00 goes after Packet BULLETins (2 msgs)
 Passed my Tech today! Now the wait...
 Real Hams
 vcr plus

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 18 Oct 1994 22:22:23 GMT
From: s2202629@np.ac.sg (Teh Aik Wen)
Subject: ### About 2nd hand rigs, user manuals & copyright laws...

I've been wondering about the following, since I'll be purchasing a 2nd hand
rig soon.

Most of the time, when you purchase a 2nd had rig, it would probably come
with the user manual. What if it doesn't, do you have the 'right' as the
owner of the equipment to make a photocopy (xerox?) of it, and use the

copy? Or will copyright laws kick you for that?

Or do I have to do something, like, write to the manufacturer, and purchase a new manual for him, or if he doesn't have anymore in print (perhaps a very old rig) to obtain 'written permission' to make a copy of it?

I figured that 'if I owned a manual, I can copy the manual for my own use' don't really stands, because, what if - Someone purchased a new rig with a manual, copied the whole thing, and sold the original manual off to someone else, and used the copy.

I know this isn't _REALLY_ amateur radio related, and should perhaps be tossed into some legal-related usegroup, pardon me if it's really off topic.

Rgds.

Date: 18 Oct 1994 22:13:14 GMT
From: s2202629@np.ac.sg (Teh Aik Wen)
Subject: Any hams using IRC chat??

I think ham on IRC would be cool. I've met one other ham on another chatline, and he was very helpful in answering most questions I had.

Catch is that, I can't IRC (no client on this system - I've got a shell account), and I have no access to the compiler to compile my own (control freaks!). So, how else can I do IRC? Are there a) precompiled binaries, or b) telnet-to-IRC servers that won't bog me down with too much lag.

Would appericiate talking to other hams...

Rgds!

Date: Sun, 23 Oct 1994 18:51:06 EDT
From: <JBAACK31@MAINE.MAINE.EDU>
Subject: Check out Outside Mag..

There is a nice 2 page story about some Ham's working rare DX in this months is sue of OUTSIDE mag. Real nice story, good pictures as well.

Date: 24 Oct 1994 01:34:31 GMT
From: davesparks@delphi.com (Dave Sparks)
Subject: Code Programs/Sound Blasters

Mike, KC5GRW wrote:

> I've e-mailed Tim with my comments already about SB support in SM, but I
> thought I'd say something here. I tried getting SM 4.1 to work with my SB
> and did not have any luck. Selected the SB option in the set-up, but it
> still directed sound to the PC speaker, yechh. Didn't look into it very
> far, as I had also just DL'd the current version of Morse Academy and it
> works great with the SB. Besides, I think I like MA's presentation and
> bit better than SM's.

I posted a similar question about a Morse program that was SB compatible a few months ago. Then, I happened to read the instruction manual that came with my sound card (a SB clone) and discovered what a certain unused wire that came with the card was for. If you disconnect the computer's internal speaker and run this jumper from the speaker connection on the motherboard to the sound card, *ALL* sound sent to the internal speaker will be routed through the sound card.

I had two reasons for wanting this: 1.) My internal speaker wasn't loud enough to hear; and 2.) I wanted to be able to listen through headphones.

If this is your reason for wanting to use the SB, it's worth a try. It certainly lends credibility to the "RTFM" acronym, too. :) 73 de...

```
/-----+-----\
|         | Internet: davesparks@delphi.com |
| Dave Sparks | Fidonet: Dave Sparks @ 1:207/212 |
|         | BBS: (909) 353-9821 - 14.4K |
| KD6PDZ | Packet: KD6PDZ@N0ARY.#NOCAL.CA.USA.NA |
\-----+-----/
```

Date: Sun, 23 Oct 1994 11:21:24 GMT
From: gary@ke4zv.atl.ga.us (Gary Coffman)
Subject: HOW TO LEARN CW???

In article <38cbo6\$5v4@nspc.ucsb.edu> probert@nspc.ucsb.edu (Dave Probert) writes:

>In rec.radio.amateur.misc Bob Stanton writes:

>

>> What is the best way to do it? I want the HF privileges. I am
>>willing to work for them. I just hit a wall every time I try to force
>>myself to do something I hate. I know that some who read this will just
>>flame me. I have faith that some will have good advice and will be
>>willing to share it with me.

>I find it takes a lot of concentration. *Your* biggest short-coming
>is getting a positive attitude, as you admit.

Yeah. Approach Code not as something you *have* to do because of a government mandate that's arcane and out of date, but as something you *want* to do because you want to use Code. That changes learning it from drudgery to fun.

>There is a barrier around 10WPM where you have to start getting
>your ears connected to your hand rather than translating with
>your brain. Once you cross that threshold, then 13 isn't too hard.

That's true too. The best way to avoid this hump is to start out going directly from ear to hand by operant conditioning. Code shouldn't be something you have to think about. It should be something you just *do*, like touch typing. Remember when you were learning to type how they covered the keycaps so your fingers just had to *know* the right keys rather than letting you look and reason out which key to hit? Well Code has to be done the same way. It has to be an automatic reflex response to the aural stimulus. You shouldn't consciously think about it at all. Sadly, the only conditioning that works is mindless drill, drill, drill. You have to keep reminding yourself, "Don't think, don't think, don't think." That's easier for some than for others.

>Personally I think that the code is worth learning.
>I think the DX contacts are more interesting, and I think the barrier
>it raises will keep ham radio from being ruined like CB was -- while
>at the same time being a more egalitarian hurdle than theory (with
>no study I came within 1 question of passing the Green Monster my
>first try -- based solely on my 15 yr old undergraduate studies).
>Anybody can learn the code, just like learning to type or play the piano
>(adequately). It just takes practice and the conviction that you can
>do it.

Ob flame. I disagree with everything you say here except the first sentence. I don't think Morse is a lid filter, and I don't think it's more egalitarian than theory. Anyone with the intellectual capacity to be an amateur can learn the theory, though depending on their previous educational background, they may have to do a bit more or less studying of the prerequisites. OTOH Code requires an innate neuro-muscular coordination that some people possess, and others do not. Put another way, Code responds to inborn talent much more than anything else an amateur may wish to do.

Those with good senses of rhythm and pitch discrimination have a major advantage over those who do not. No amount of effort can overcome that handicap. Like a tone deaf wannabe musician, no

matter how much they practice, they will never be a concert pianist, or a rock drummer, or in some (somewhat rare) cases even a traditional musician at all. But they can still "make music" using a computer driven synthesizer. They may even understand enough music theory to make very good music with their rhythm enhancing tool. Or perhaps they are very good at reciting spoken poetry instead of singing it as a lyric. It's improper to bar them from the stage simply because their performance choices are different.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		emory!kd4nc!ke4zv!gary
534 Shannon Way		Guaranteed!		gary@ke4zv.atl.ga.us
Lawrenceville, GA 30244				

Date: Sun, 23 Oct 1994 23:12:44 GMT
From: rwc@flare.syd.ips.oz.au (Regional Warning Centre)
Subject: IPS Daily Report - 23 October 94

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 23/2330Z OCTOBER 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 23 OCTOBER AND FORECAST FOR 24 OCTOBER - 26 OCTOBER

1A. SOLAR SUMMARY

Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 84/26

GOES satellite data for 22 Oct

Daily Proton Fluence >1 MeV: 8.3E+06
Daily Proton Fluence >10 MeV: 7.7E+04
Daily Electron Fluence >2 MeV: 2.3E+06 (normal)
X-ray background: B1.2

Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

1B. SOLAR FORECAST

	24 Oct	25 Oct	26 Oct
Activity	Low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 24 Oct: 82/23

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: active to minor storm

Estimated Indices :	A	K	Observed A Index 22 Oct
Learmonth	33	5445 5443	
Fredericksburg	40		18
Planetary	50		16

Observed Kp for 22 Oct: 1114 4335

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
24 Oct	16	Active
25 Oct	12	Unsettled
26 Oct	10	Unsettled

COMMENT: IPS Geomagnetic Warning 7 was issued on 22 October and is current for interval 22-24 October. Geomagnetic activity level expected to decline today.

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
23 Oct	normal	fair-normal	poor-fair

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
24 Oct	normal	fair	poor
25 Oct	normal	normal	fair
26 Oct	normal	normal	fair

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed

DATE	T-index	MUFs at Sydney
23 Oct	15	near predicted monthly values

Predicted Monthly T-index for October: 20

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
24 Oct	20	Near predicted monthly values
25 Oct	20	Near predicted monthly values
26 Oct	20	Near predicted monthly values

COMMENT: IPS HF Communications Warning 6 was issued on 22 October and is current for interval 22-24 October. Degraded HF conditions on 23rd due to flare induced geomagnetic activity.

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
RWC Duty Forecaster tel: +61 2 4148329	PO Box 5606
Recorded Message tel: +61 2 4148330	West Chatswood NSW 2057
email: rwc@ips.oz.au fax: +61 2 4148331	AUSTRALIA

Date: 23 Oct 1994 18:46:02 -0400
From: jimn0oct@aol.com (JimN0OCT)
Subject: Keyer polarity for 520?

In article <9410232016.AA15024@flowserver.stem.com>,
dave@flowserver.stem.com (David Adams) writes:

to know about the polarity of a 520.

Hmmmmmmmmmmmm, if you've got a keyer, try it on "neg" or "grid" first. If
it works, end there. If it sends a continuous tone, try the other. I
believe the first suggestion should work best.

73 and GL, Jim N0OCT

Date: 19 Oct 94 12:42:29 +0800
From: asirene@v9001.ntu.ac.sg
Subject: MFJ-1214PC for sale

Have MFJ-1214PC for sale. Hardly used. Comes with software.

Full Color FAX

Use your computer and tranceiver to receive, display and
transmit brilliant full color news photos and incredible WeFAX
weather maps with all 16 gray levels. Also receive/transmit
RTTY, ASCII and CW.

Animate weather maps. Display 10 global picture simultaneously.
Zoom any part of picture or map. Manager lists over 900 FAX
statioes. Automatic picture capture and save.

Has been used only to receive so far. Works well. MFJ sells
for \$150. Asking \$110 but negotiable.

73,
Daniel

Date: 23 Oct 1994 14:31:03 -0000
From: sandoz@ismennt.is (Einar Sverrir Sandoz)
Subject: Miniprop Plus 2.0 question:

Does someone know the minimum hardware requirements (video) for this program, before I order it ?
Einar.

Date: 23 Oct 1994 23:38:25 GMT
From: wes@quasar.eng.wayne.edu (Wes Harrell)
Subject: NoCal 00 goes after Packet BULletins

Bob Wilkins n6fri (rwilkins@ccnet.com) wrote:
: This was found floating on the Amateur Packet BBS system. What do you think?

I think this guy is a weenie with nothing better to do with his life. He should tear up his license and get the hell off the air if he doesn't like it. You have to remember, this is HIS interpretation of the rules. In the bbssig mailing list they posted the copies of the letters from the FCC and you'll see clearly that most of what this guy says is bent out of shape into something that he wants. Funny that anyone that reads the letters from the FCC and also Part 97 will see it differently.

I'm an experimenter and have been licensed for over 15 1/2 years now. I've seen all kinds of people come in and think they own this hobby and they have nothing better to do with their lives but to look for something illegal. If you are looking all the time you'll find something whether it's legal or not. Your mind becomes distorted when you spend all day looking for errors and trying to distort the rules to make it what you are trying to see. The FCC is not some evil government group trying to get rid of ham radio. I've talked to the same person that he has talked to before on the phone and the FCC is very flexible with the rules and is willing to cooperate with us to make them work. If we feel that a rule needs to exist or a clarification of a rule, submit it or talk to them about it. I don't go around looking for what he does because I grew out of that phase years ago, instead I'm more interested in doing the new and more advanced technology (the stuff that scares the hell out of people like this guy) and if it's not legal or there is a doubt, then I'll try to change it or get a waiver (STA).

On 'amateur radio related' give me a break. If everything in this hobby had to be ham radio related then who would want to be in this hobby. I'd set up shop in the CB band instead along with most other

hams. This is communications plain and simple, whether it's CW, SSB, digital modes, ATV, etc... We experiment. I run TCP/IP and if you look at what it does and it's legal for ham radio, I say it ham radio related. Anything I send through is ham radio related and I can easily bend or distort any rule to prove that too if challenged just like this person is trying to do to prove it is illegal.

Most people like this end up just getting treated badly for trying to wreck the hobby and put more restrictions on it and it ends up just hurting them. I've seen this same thing over and over again and it never seems to stop. Maybe a year or two from now he'll probably end up just changing his callsign and try to start over like other people I know personally that were just like him.

Ron N8FOW ron@chaos.eng.wayne.edu

(don't do an autoreply to me, this is my friends account due to system maintenance on my normal machine. I just kill flame messages anyways to me, so don't waste your time with those, they won't get read)

Date: Sun, 23 Oct 94 09:19:02 EDT
From: rapp@lmr.mv.com (Larry Rappaport)
Subject: NoCal 00 goes after Packet BULLetins

kevin.jessup@mail.mei.com (Kevin Jessup) writes:

> In article <389n39\$5at@ccnet.ccnet.com> rwilkins@ccnet.com (Bob Wilkins n6fr
>
> K7WWA (NOT Bob Wilkins, above) writes...
>
> >From : K7WWA@K7WWA.#NOCAL.CA.USA.NOAM
> >To : INFO@ALLUS
>
> ...stuff deleted...
>
> > we requested FCC clarification regarding
> >the definition of "One-Way Bulletins" and "Bulletin Message Content"
> >as it specifically applied to Amateur Packet Radio. The position of
> >the FCC is as follows:
>
> >3. The Information sent MUST BE RELATED TO, AND OF INTEREST TO
> >AMATEUR RADIO OPERATORS ONLY!
> >
> >4. Any Packet Bulletin which contains material which relates to
> >anything not directly related to amateur radio, or of interest to
> >amateur radio operators only, is considered to be "Broadcasting."

> >This includes material on Cars, Guns, Politics, Food, Jokes,
> >Current Events, etc. etc. etc.
> >
> >In the above listing the emphasis was supplied by the FCC in the
> >letter I have on file.
>
> >73, keep up the good work! Fred Sober, AB6GQ
>
>
> Now I THINK it was Bob (N6FRI), who replied with this...
>
> >>*** Yes, Fred, keep up the good work. I'm glad that you are doing all
> >>*** that you can to make Amateur radio packet boring.
>
>
> A BIG QSL on the "boring" aspect, OM!
>
> My OPINION is that the message "content" is just as important (if not
> more so) as the method by which the data is transferred. I LOVE the
> freedom of the Internet.
>
> I have enough of a problem trying to keep my interest in advancing the
> amateur radio sota (via cooperative investment in packet infrastructure,
> TCP/IP/NOS, SS, etc) alive here in Wisconsin what with the total lack of
> interest by the vast majority of the AX.25 1200 baud beacon fanatics
> around here. Most just don't care about cooperative INVESTMENT (yes,
> this takes \$\$\$) in a high-speed backbone.
>
> Now lets make that investment even LESS attractive by LIMITING the type
> of traffic to that typical, BORING amateur blather about the weather
> and your current health problems. I swear the FCC WANTS us
> to die! They'll then have even more spectrum to auction off.
>
> There is a difference between BROADCASTING and POSTING AN ARTICLE
> so as to encourage intelligent discussion. While SOME packet
> posts are in poor taste (and approach broadcasting), many result
> in interesting discussion threads (and yes, a few flame wars).
>
> BIG NEWS: people have different opinions on almost every topic.
> One of the advantages of living in a "free" country is the exchange
> of those ideas in an open manor.
>
> Commercial telecomm looks better and better every day. Then again,
> I'm sure we'll see Internet regulated and censored soon enough.
>
> Maybe those in rec.radio,pirate are right! ;-))

Bear in mind that what is being discussed are one-way bulletins. In

legitimate discussion, the FCC has very little power to regulate anything. I think if their power were ever challenged in that regard, that under the first amendment, it might become very difficult to censor anything... :)

That said, IANAL, so maybe I'm full of crap. :)

Larry W1HJF

--

Larry

L. M. Rappaport & Associates, Inc. rapp@lmr.mv.com voice +1 603 237 8400
Colebrook, NH 03576-0158 CIS 72427,2567 fax +1 603 237 8430

Date: 23 Oct 1994 11:43:32 GMT
From: ad779@detroit.freenet.org (John Hughes)
Subject: Passed my Tech today! Now the wait...

Congratulations: I just received my call --KE4RRG-- on 9-22 after 5 weeks/5 day That is took exam 9-12...eff date 10-14...received 10-22. This is better than the 8-10 weeks or more i've been reading about...But have seen a couple of other 5-6 week stories so things at FCC apparently are getting faster...or it's just a good time of year to do business with them. Anyway, take care...& good luck on the upgrades. I'm trying to do the same thing, (but with a little longer timeframe).

Date: Mon, 24 Oct 1994 00:16:10 GMT
From: jeffrey@kahuna.tmc.edu (Jeffrey Herman)
Subject: Real Hams

pat.wilson@pplace.com (Pat Wilson) writes:

>->

>-> THE AMATEUR'S CODE

>Was written by the ARRL, not for anyone else, and certainly not the
>end of the story. Since only around 30% of those licensed real hams
>belong to that group. You can organize a group and make up all kinds of
>crap.

Nope. The Code was written by an amateur that was probably a member of the ARRL.

>-> ONE:

>
>-> support to his fellow radio amateurs, his local club and the American
>-> Radio Relay League, through which Amateur Radio is represented.
>
>This should tell you the whole story. Talk about having a pointed
>interest. What makes you think, old timer, that you even have to belong
>to the ARRL or a Club to be a real ham. Again, my friend, read the real
>rules in part 97. Then get back to me.

Rather, you should study the history of amateur radio; without
the ARRL lobbying for us over the last 70 or so years we wouldn't
exist today. Surely if you have any interest in this hobby you
wouldn't mind reading a bit about our history, no?

> AND btw, Amateur
>Radio is NOT A HOBBY. Check again and you will note, that NOWHERE does
>it say the Hobby of Amateur Radio, but the SERVICE of Amateur Radio.

From the Oxford English Dictionary:

HOBBY 4. A favourite occupation or topic pursued for amusement; an
individual pursuit to which a person is unduly devoted. 1816.

SERVICE 5. A branch of public employment, or a body of public
servants, concerned with some particular work or the supply
of some particular need. 1685.

>Better check before you jump too quickly.

Hey, that's what I was going to say! Anyway, in our daily yaking
on the air most of us feel we're pursuing a hobby; not until
disaster strikes do we consider our hobby a service, as per
Part 97's definition.

.73W,
Jeff NH6IL

Date: Mon, 24 Oct 1994 01:10:55 GMT
From: az721@FreeNet.Carleton.CA (Gilles Monette)
Subject: vcr plus

I am looking for information on the vcr plus
gadget that allow you to program tv shows by
just entering the given numbers in the tv guide.
What I am looking for is the formula to generate
these numbers. How can I generate them if they are not

in the tv guide. Does anyone have that information.

Thanks

Gilles, Ve2gsm

--

Gilles Monette

az721@freenet.carleton.ca

Have a good day...

Date: 23 Oct 1994 15:31:15 -0700

From: kchen@apple.com (Kok Chen)

References<3839nf\$1sou@yuma.ACNS.ColoState.EDU> <phb.782579819@melpar>,
<3889a1\$ic7@mrnews.mro.dec.com>

Subject: Re: ARRL to change "Silent Keys" label in QST?

hutzley@ranger.enet.dec.com (Steve Hutzley) writes:

>> Maybe "Final QRT" would be a suitable choice.

>>

> I Actually think that would be a good title for ALL
> CLASSES of operators. But then on the other hand, the PTT
> button on a mike is sometimes refered to as 'A KEY!'

Some of us RTTY types also use SK at the end of a QS0.

But, I guess we do have keys :-) :-). As in "keyboards." Or is
that key-baud? Perhaps it is key-bored?

73

Kok "RYRYRY" Chen, AA6TY
Apple Computer, Inc.

kchen@apple.com

Date: 23 Oct 1994 12:59:27 GMT

From: keith@fc.hp.com (John Keith)

References<37vo50\$fdo@tadpole.fc.hp.com> <37vosa\$fk5@tadpole.fc.hp.com>,
<3869ei\$n3l@nntpd.lkg.dec.com>

Subject: Re: Need info from foreing callbook

John Keith (keith@fc.hp.com) wrote:

: Could some one with a current foreign callbook please confirm the following:

:

: ZS3KC C.B. "Jack" Anderson Box 1232 Swakopmund 9180 Namibia

:

: I think his call is now V51KC.

I've had no responses with info on this request. Surely someone out there has a foreign callbook and can check this for me.

As an alternate question, is there such a thing as a callsign server that has foreign calls?

John Keith

Date: Mon, 24 Oct 1994 01:10:30 GMT

From: wa2ise@netcom.com (Robert Casey)

References<389n39\$5at@ccnet.ccnet.com> <Cy3Buq.9s8@news.Hawaii.Edu> ,

<Cy4F7t.B1u@utnetw.utoledo.edu>

Subject: Re: NoCal 00 goes after Packet BULLetins

On the SSB phone bands, or 2M FM repeaters, you can hear a lot of stuff not related to ham radio (weather, health problems, cars, name it). No "business" or "commercial" traffic of course. So, if someone posts a food article, image files, or a debate on something, is that significantly different than the voice stuff? One has phone nets, where each ham in it is talking to multiple receiver hams. On packet, I've received many thank you's from hams after posting several "comet hits Jupiter" image files. That's a kind of 2 way. I don't think the FCC is that worried about it. We're not charging money for packet posts, it's just a big exchange of various kinds of non-commercial information.

End of Info-Hams Digest V94 #1150
